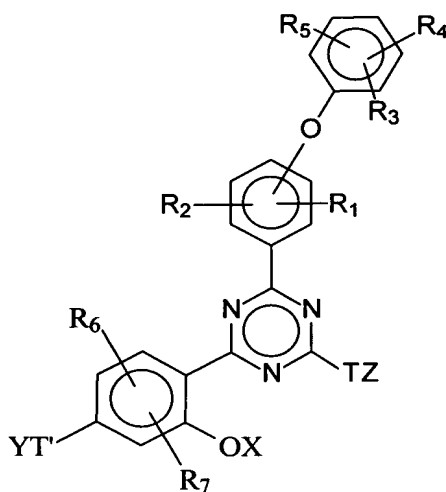


Amendment to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

What is claimed is:

1. (Previously amended): A compound of Formula I



Formula I

wherein R₁, R₂, R₃, R₄, R₅ are the same or different and each is hydrogen, halogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, aracyl of 6 to 24 carbon atoms, OR, NRR', CONRR', OCOR, CN, SR, SO₂R, SO₃H, SO₃M, wherein M is an alkali metal, R and R' are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, and optionally with either of R₁ and R₂, R₃ and R₄, or R₄ and R₅, taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring;
each of T and T' is independently a direct bond, oxygen, NR, sulfur or a functional group containing these elements;

X is independently selected from hydrogen and a blocking group selected from one or more of the following groups: allyl, $-\text{COR}^a$, $-\text{SO}_2\text{R}^b$, $-\text{SiR}^c\text{R}^d\text{R}^e$, $-\text{PR}^f\text{R}^g$, $-\text{POR}^f\text{R}^g$ and $-\text{CONHR}^h$,

wherein

each R^a is independently selected from $\text{C}_1\text{—C}_8$ alkyl, halogen-substituted $\text{C}_1\text{—C}_8$ alkyl, $\text{C}_5\text{—C}_{12}$ cycloalkyl, $\text{C}_2\text{—C}_8$ alkenyl, $-\text{CH}_2\text{—CO—CH}_3$, $\text{C}_1\text{—C}_{12}$ alkoxy, and phenyl or phenoxy which is unsubstituted or substituted by $\text{C}_1\text{—C}_{12}$ alkyl, $\text{C}_1\text{—C}_4$ alkoxy, halogen and/or benzyl;

each R^b is independently selected from $\text{C}_1\text{—C}_{12}$ alkyl, $\text{C}_6\text{—C}_{10}$ aryl and $\text{C}_7\text{—C}_{18}$ alkylaryl;

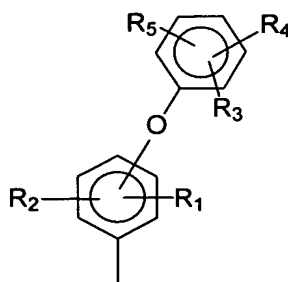
each R^c , R^d and R^e is independently selected from $\text{C}_1\text{—C}_{18}$ alkyl, cyclohexyl, phenyl and $\text{C}_1\text{—C}_{18}$ alkoxy;

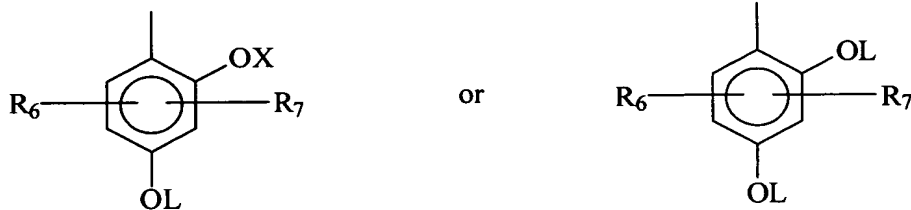
each R^f and R^g is independently selected from $\text{C}_1\text{—C}_{12}$ alkoxy, $\text{C}_1\text{—C}_{12}$ alkyl, $\text{C}_5\text{—C}_{12}$ cycloalkyl, and phenyl or phenoxy which is unsubstituted or substituted by $\text{C}_1\text{—C}_{12}$ alkyl, $\text{C}_1\text{—C}_4$ alkoxy, halogen and/or benzyl; and

each R^h is independently selected from $\text{C}_1\text{—C}_8$ alkyl, $\text{C}_5\text{—C}_{12}$ cycloalkyl, $\text{C}_2\text{—C}_8$ alkenyl, $-\text{CH}_2\text{—CO—CH}_3$, and phenyl which is unsubstituted or substituted by $\text{C}_1\text{—C}_{12}$ alkyl, $\text{C}_2\text{—C}_8$ alkenyl, $\text{C}_1\text{—C}_4$ alkoxy, halogen and/or benzyl;

each of Y, R_6 and R_7 are each independently hydrogen, hydrocarbyl group, a functional hydrocarbyl group, halogen, hydroxyl, cyano, $-\text{O}(\text{hydrocarbyl})$, $-\text{O}(\text{functional hydrocarbyl})$, $-\text{N}(\text{hydrocarbyl})_2$, $-\text{N}(\text{functional hydrocarbyl})_2$, $-\text{N}(\text{hydrocarbyl})(\text{functional hydrocarbyl})$, $-\text{S}(\text{hydrocarbyl})$, $-\text{S}(\text{functional hydrocarbyl})$, $-\text{SO}_2(\text{hydrocarbyl})$, $-\text{SO}_2(\text{functional hydrocarbyl})$, $-\text{SO}_3(\text{hydrocarbyl})$, $-\text{SO}_3(\text{functional hydrocarbyl})$, $-\text{CO}_2(\text{hydrocarbyl})$, $-\text{CO}_2(\text{functional hydrocarbyl})$, $-\text{CO}(\text{hydrocarbyl})$, $-\text{CO}(\text{functional hydrocarbyl})$, $-\text{OCO}(\text{hydrocarbyl})$, $-\text{OCO}(\text{functional hydrocarbyl})$, $-\text{CONH}_2$, $-\text{CONH}(\text{hydrocarbyl})$, $-\text{CONH}(\text{functional hydrocarbyl})$, $-\text{CON}(\text{hydrocarbyl})_2$, $-\text{CON}(\text{hydrocarbyl})(\text{functional hydrocarbyl})$, $-\text{CON}(\text{functional hydrocarbyl})_2$, wherein the hydrocarbyl or functional hydrocarbyl may be the same or different and has 1 to 24 carbon atoms;

Z is Y,



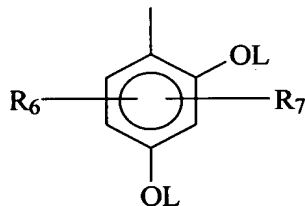


and wherein L is selected from the group consisting of: hydrogen; an alkyl of 1 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an alkenyl of 2 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an aralkyl of 7 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, chloro, cyano, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain.

2. (previously amended): A compound according to claim 1 wherein T' is an oxygen atom.

3. (cancelled).

4. (previously amended): A compound according to claim 1 wherein TZ is

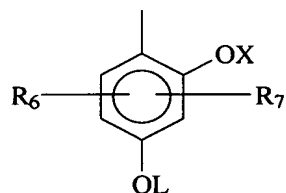


; and

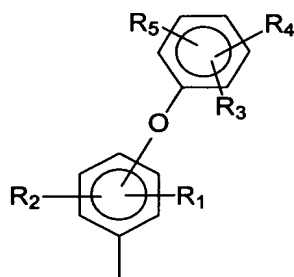
R_6 and R_7 are independently hydrogen, hydrocarbyl, functional hydrocarbyl, halogen, hydroxyl, —O(hydrocarbyl), —O(functional hydrocarbyl), —S(hydrocarbyl), — SO_2 (hydrocarbyl), — SO_3 (hydrocarbyl), —COO(hydrocarbyl), —CO(hydrocarbyl), —OCO(hydrocarbyl), —N(hydrocarbyl)(hydrocarbyl), —S(functional hydrocarbyl), —

SO₂(functional hydrocarbyl), —SO₃(functional hydrocarbyl), —COO(functional hydrocarbyl), —CO(functional hydrocarbyl), —OCO(functional hydrocarbyl), —N(functional hydrocarbyl)(functional hydrocarbyl) or cyano.

5. (original): A compound according to claim 2 wherein R₁ to R₇ and X are hydrogen, and TZ is

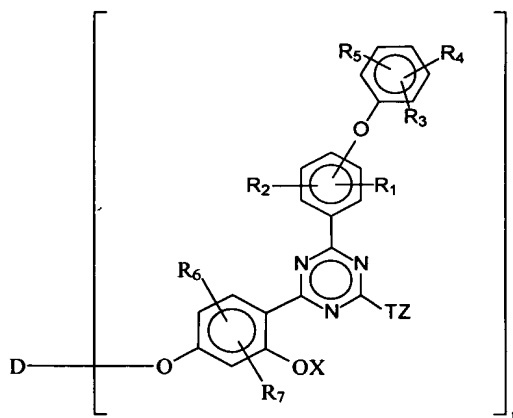


6. (original): A compound according to claim 1 wherein TZ is:



7. (previously amended): A compound according to claim 6 wherein T' is oxygen.
8. (original): A compound according to claim 7 wherein R₁ to R₇ and X are hydrogen.

9. (currently amended): A compound of Formula VI:



(Formula VI)

wherein T, Z, R₁ to R₇, X are as defined in claim 1,
 wherein R₁, R₂, R₃, R₄, R₅ are the same or different and each is hydrogen, halogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, aracyl of 6 to 24 carbon atoms, OR, NRR', CONRR', OCOR, CN, SR, SO₂R, SO₃H, SO₃M, wherein M is an alkali metal, R and R' are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, and optionally with either of R₁ and R₂, R₃ and R₄, or R₄ and R₅, taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring;

T is a direct bond, oxygen, NR, sulfur or a functional group containing these elements;

X is independently selected from hydrogen and a blocking group selected from one or more of the following groups: allyl, —COR^a, —SO₂R^b, —SiR^cR^dR^e, —PR^fR^g, —POR^fR^g and —CONHR^h,

wherein

each R^a is independently selected from C₁—C₈ alkyl, halogen-substituted C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, C₁—C₁₂ alkoxy, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl;

each R^b is independently selected from C₁—C₁₂ alkyl, C₆—C₁₀ aryl and C₇—C₁₈ alkylaryl;

each R^c, R^d and R^e is independently selected from C₁—C₁₈ alkyl, cyclohexyl, phenyl and C₁—C₁₈ alkoxy;

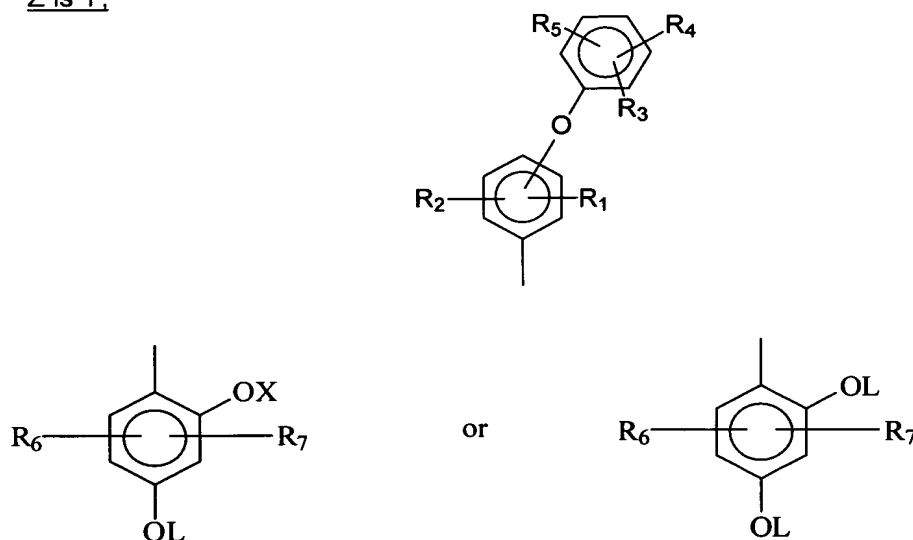
each R^f and R^g is independently selected from C₁—C₁₂ alkoxy, C₁—C₁₂ alkyl, C₅—C₁₂ cycloalkyl, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl; and

each R^h is independently selected from C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, and phenyl which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₂—C₈ alkenyl, C₁—C₄ alkoxy, halogen and/or benzyl;

each of Y, R₆ and R₇ are each independently hydrogen, hydrocarbyl group, a functional hydrocarbyl group, halogen, hydroxyl, cyano, -O(hydrocarbyl), -O(functional hydrocarbyl), -N(hydrocarbyl)₂, -N(functional hydrocarbyl)₂, -N(hydrocarbyl)(functional hydrocarbyl), -S(hydrocarbyl), -S(functional hydrocarbyl), -SO₂(hydrocarbyl), -SO₂(functional hydrocarbyl), -SO₃(hydrocarbyl), -SO₃(functional

hydrocarbyl), -CO₂(hydrocarbyl), -CO₂(functional hydrocarbyl), -CO(hydrocarbyl), -CO(functional hydrocarbyl), -OCO(hydrocarbyl), -OCO(functional hydrocarbyl), -CONH₂, -CONH(hydrocarbyl), -CONH(functional hydrocarbyl), -CON(hydrocarbyl)₂, -CON(hydrocarbyl)(functional hydrocarbyl), -CON(functional hydrocarbyl)₂, wherein the hydrocarbyl or functional hydrocarbyl may be the same or different and has 1 to 24 carbon atoms;

Z is Y,

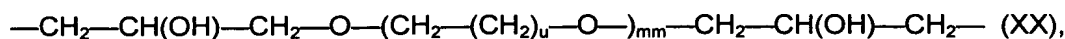


and wherein L is selected from the group consisting of: hydrogen; an alkyl of 1 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an alkenyl of 2 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an aralkyl of 7 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, chloro, cyano, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain;

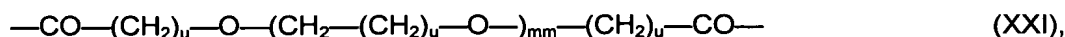
and r is an integer between 2 and 4;

when r is 2, D is selected from the group consisting of C₂—C₁₆ alkyl, C₄—C₁₂ alkenyl, xylene, C₃—C₂₀ alkyl which is interrupted by one or more oxygen atoms, hydroxy-substituted C₃—C₂₀ alkyl which is interrupted by one or more oxygen atoms, —CH₂CH(OH)CH₂O—R¹⁵—OCH₂CH(OH)CH₂—, —CO—R¹⁶—CO—, —CO—NH—R¹⁷—NH—CO—, —(CH₂)_s—COO—R¹⁸—OCO—(CH₂)_s—

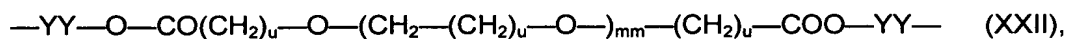
a polyoxyalkylene bridge member of the Formula XX



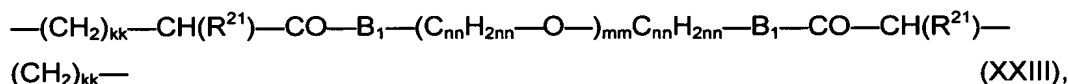
a polyoxyalkylene bridge member of the Formula XXI



a polyoxyalkylene bridge member of the Formula XXII



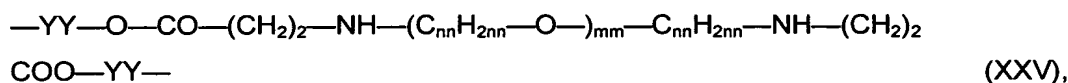
a polyoxyalkylene bridge member of the Formula XXIII



a polyoxyalkylene bridge member of the Formula XXIV



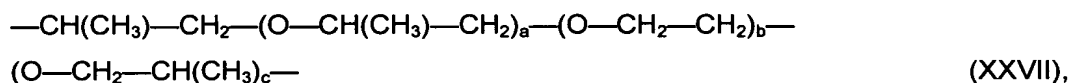
a polyoxyalkylene bridge member of the Formula XXV



a polyoxyalkylene bridge member of the Formula XXVI



and a polyoxyalkylene bridge member of the Formula XXVII



wherein $a + c = 2.5$ and $b = 8.5$ to 40.5 or $a + c = 2$ to 33 and $b = 0$,

R^{21} is hydrogen or $C_1\text{—}C_{16}$ alkyl,

YY is unsubstituted or substituted $C_2\text{—}C_{20}$ alkyl,

kk is zero or an integer from 1-16,

B_1 is O or NH,

mm is an integer from 2 to 60,

nn is an integer from 2 to 6,

u is an integer from 1 to 4;

when r is 3, D is $\text{—[(CH}_2\text{)}_s\text{—COO—]}_3\text{—R}^{19}$

and when r is 4, D is $\text{—[(CH}_2\text{)}_s\text{—COO—]}_4\text{—R}^{20}$

wherein R^{19} is $C_3\text{—}C_{10}$ alkanetriyl and R^{20} is $C_4\text{—}C_{10}$ alkaneteteryl; and

s is 1-6;

R^{15} is $C_2\text{—}C_{10}$ alkyl, $C_2\text{—}C_{10}$ oxaalkyl or $C_2\text{—}C_{10}$ dithiaalkyl, phenyl, naphthyl,

diphenyl, or $C_2\text{—}C_6$ alkenyl, or phenylene-XX-phenylene wherein XX is —O— , —S—

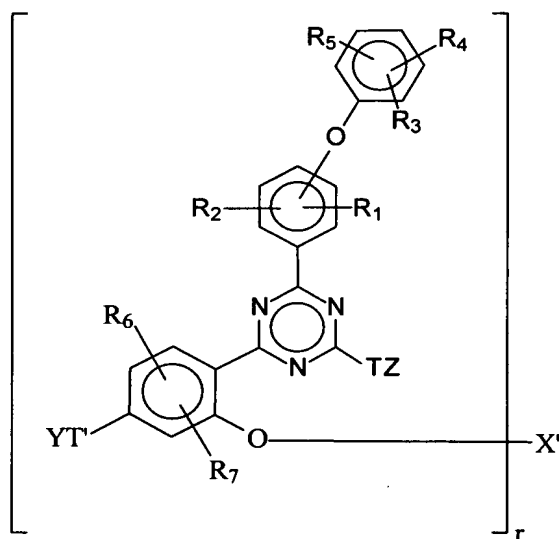
, $\text{—SO}_2\text{—}$, $\text{—CH}_2\text{—}$, or $\text{—C(CH}_3\text{)}_2\text{—}$;

R^{16} is C_2-C_{10} alkyl, C_2-C_{10} oxaalkyl or C_2-C_{10} dithiaalkyl, phenyl, naphthyl, diphenyl, or C_2-C_6 alkenyl provided that when r is 3 the alkenyl has at least 3 carbons;

R^{17} is C_2-C_{10} alkyl, phenyl, naphthyl, diphenyl, or C_2-C_6 alkenyl, methylenediphenylene, or C_4-C_{15} alkylphenyl; and

R^{18} is C_2-C_{10} alkyl, or C_4-C_{20} alkyl interrupted by one or more oxygen atoms.

10. (currently amended): A compound of Formula (VII):



(Formula VII)

wherein T, T', Y, Z, R_1 to R_7 , are as defined in claim 1;
 wherein R_1 , R_2 , R_3 , R_4 , R_5 are the same or different and each is hydrogen, halogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, aracyl of 6 to 24 carbon atoms, OR, NRR', CONRR', OCOR, CN, SR, SO_2R , SO_3H , SO_3M , wherein M is an alkali metal, R and R' are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, and optionally with either of R_1 and R_2 , R_3 and R_4 , or R_4 and R_5 , taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring;

each of T and T' is independently a direct bond, oxygen, NR, sulfur or a functional group containing these elements;

X is independently selected from hydrogen and a blocking group selected from one or more of the following groups: allyl, —COR^a, —SO₂R^b, —SiR^cR^dR^e, —PR^fR^g, —POR^fR^g and —CONHR^h,

wherein

each R^a is independently selected from C₁—C₈ alkyl, halogen-substituted C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, C₁—C₁₂ alkoxy, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl;

each R^b is independently selected from C₁—C₁₂ alkyl, C₆—C₁₀ aryl and C₇—C₁₈ alkylaryl;

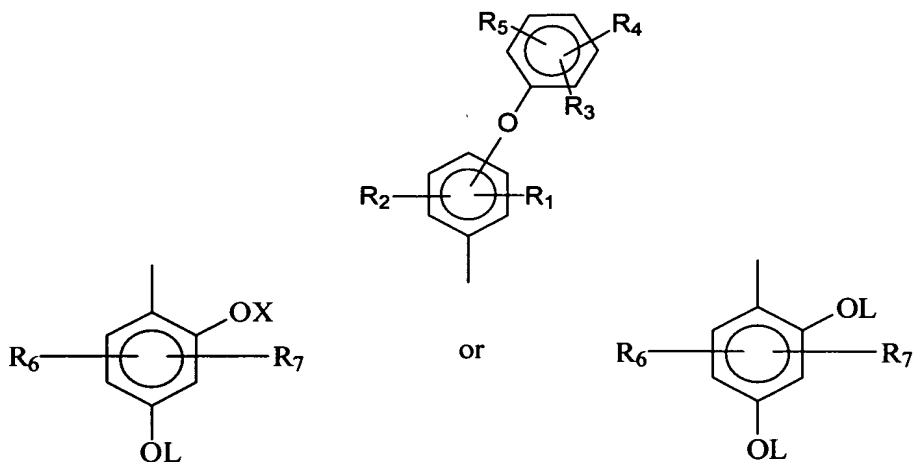
each R^c, R^d and R^e is independently selected from C₁—C₁₈ alkyl, cyclohexyl, phenyl and C₁—C₁₈ alkoxy;

each R^f and R^g is independently selected from C₁—C₁₂ alkoxy, C₁—C₁₂ alkyl, C₅—C₁₂ cycloalkyl, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl; and

each R^h is independently selected from C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, and phenyl which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₂—C₈ alkenyl, C₁—C₄ alkoxy, halogen and/or benzyl;

each of Y, R₆ and R₇ are each independently hydrogen, hydrocarbyl group, a functional hydrocarbyl group, halogen, hydroxyl, cyano, -O(hydrocarbyl), -O(functional hydrocarbyl), -N(hydrocarbyl)₂, -N(functional hydrocarbyl)₂, -N(hydrocarbyl)(functional hydrocarbyl), -S(hydrocarbyl), -S(functional hydrocarbyl), -SO₂(hydrocarbyl), -SO₂(functional hydrocarbyl), -SO₃(hydrocarbyl), -SO₃(functional hydrocarbyl), -CO₂(hydrocarbyl), -CO₂(functional hydrocarbyl), -CO(hydrocarbyl), -CO(functional hydrocarbyl), -OCO(hydrocarbyl), -OCO(functional hydrocarbyl), -CONH₂, -CONH(hydrocarbyl), -CONH(functional hydrocarbyl), -CON(hydrocarbyl)₂, -CON(hydrocarbyl)(functional hydrocarbyl), -CON(functional hydrocarbyl)₂, wherein the hydrocarbyl or functional hydrocarbyl may be the same or different and has 1 to 24 carbon atoms;

Z is Y,



and wherein L is selected from the group consisting of: hydrogen; an alkyl of 1 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an alkenyl of 2 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an aralkyl of 7 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, chloro, cyano, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain;

r is 2 or 3;

when r is 2, X' is $\text{—CO—R}^{16}\text{—CO—}$, $\text{—CO}_2\text{—R}^{16}\text{—CO}_2\text{—}$, $\text{—SO}_2\text{—R}^{16}\text{—SO}_2\text{—}$, $\text{—CO—NH—R}^{17}\text{—NH—CO—}$, a polyoxyalkylene bridge member of Formula $\text{—CO—(CH}_2\text{)}_u\text{—O—(CH}_2\text{—(CH}_2\text{)}_u\text{—O—)}_{mm}\text{—(CH}_2\text{)}_u\text{—CO—}$, or $\text{—COC(R}^{21}\text{)HCH}_2\text{NH(C}_{nn}\text{H}_{2nn}\text{O)}_m\text{C}_{nn}\text{H}_{2nn}\text{—NHCH}_2\text{—C(R}^{21}\text{)HCO—}$

when r = 3, X' is:

$\text{—(—CO}_2\text{—R}^{16}\text{)R}^{19}$, $\text{—(—CONH—R}^{16}\text{)R}^{19}$, $\text{—(—SO}_2\text{—R}^{16}\text{)R}^{19}$

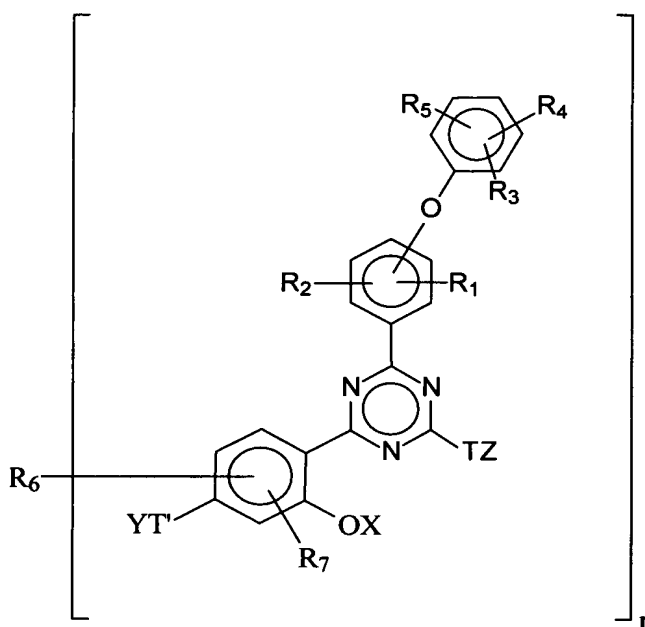
wherein R¹⁹ is C₃—C₁₀ alkanetriyl and

R¹⁶ is C₂—C₁₀ alkyl, C₂—C₁₀ oxaalkyl or C₂—C₁₀ dithiaalkyl, phenyl, naphthyl, diphenyl, or C₂—C₆ alkenyl provided that when r is 3 the alkenyl has at least 3 carbons;

R¹⁷ is C₂—C₁₀ alkyl, phenyl, naphthyl, diphenyl, or C₂—C₆ alkenyl, methylenediphenylene, or C₄—C₁₅ alkylphenyl;

R^{21} is hydrogen or C_1 — C_{16} alkyl; and
 mm is an integer from 2 to 60,
 nn is an integer from 2 to 6,
 u is an integer from 1 to 4.

11. (currently amended): A compound of Formula (VIII):



(Formula VIII)

wherein T, T', Y, Z, R_1 to R_5 , R_7 and X, are as defined in claim 1;
 wherein R_1 , R_2 , R_3 , R_4 , R_5 are the same or different and each is hydrogen, halogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, aracyl of 6 to 24 carbon atoms, OR, NRR', CONRR', OCOR, CN, SR, SO_2R , SO_3H , SO_3M , wherein M is an alkali metal, R and R' are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, and optionally with either of R_1 and R_2 , R_3 and R_4 , or R_4 and R_5 , taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring;

each of T and T' is independently a direct bond, oxygen, NR, sulfur or a functional group containing these elements;

X is independently selected from hydrogen and a blocking group selected from one or more of the following groups: allyl, —COR^a, —SO₂R^b, —SiR^cR^dR^e, —PR^fR^g, —POR^fR^g and —CONHR^h,

wherein

each R^a is independently selected from C₁—C₈ alkyl, halogen-substituted C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, C₁—C₁₂ alkoxy, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl;

each R^b is independently selected from C₁—C₁₂ alkyl, C₆—C₁₀ aryl and C₇—C₁₈ alkylaryl;

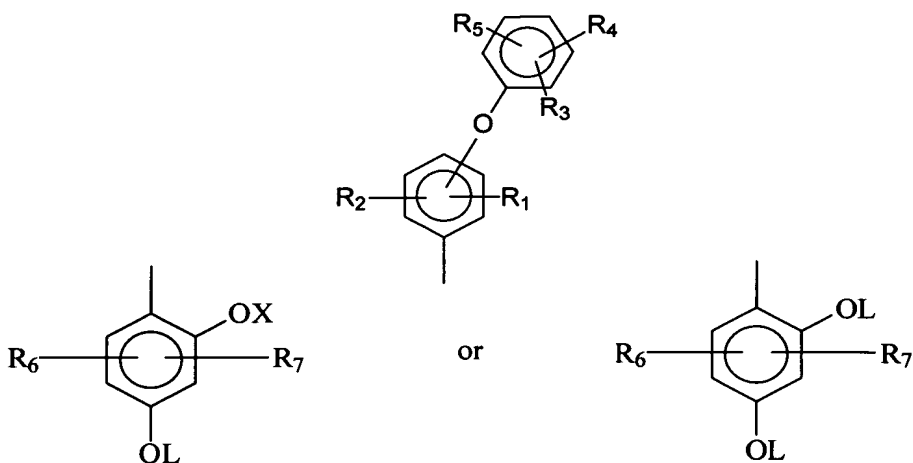
each R^c, R^d and R^e is independently selected from C₁—C₁₈ alkyl, cyclohexyl, phenyl and C₁—C₁₈ alkoxy;

each R^f and R^g is independently selected from C₁—C₁₂ alkoxy, C₁—C₁₂ alkyl, C₅—C₁₂ cycloalkyl, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl; and

each R^h is independently selected from C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, and phenyl which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₂—C₈ alkenyl, C₁—C₄ alkoxy, halogen and/or benzyl;

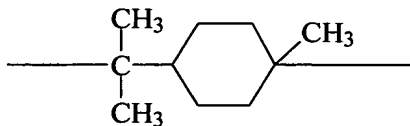
each of Y and R₇ are each independently hydrogen, hydrocarbonyl group, a functional hydrocarbonyl group, halogen, hydroxyl, cyano, -O(hydrocarbonyl), -O(functional hydrocarbonyl), -N(hydrocarbonyl)₂, -N(functional hydrocarbonyl)₂, -N(hydrocarbonyl)(functional hydrocarbonyl), -S(hydrocarbonyl), -S(functional hydrocarbonyl), -SO₂(hydrocarbonyl), -SO₂(functional hydrocarbonyl), -SO₃(hydrocarbonyl), -SO₃(functional hydrocarbonyl), -CO₂(hydrocarbonyl), -CO₂(functional hydrocarbonyl), -CO(hydrocarbonyl), -CO(functional hydrocarbonyl), -OCO(hydrocarbonyl), -OCO(functional hydrocarbonyl), -CONH₂, -CONH(hydrocarbonyl), -CONH(functional hydrocarbonyl), -CON(hydrocarbonyl)₂, -CON(hydrocarbonyl)(functional hydrocarbonyl), -CON(functional hydrocarbonyl)₂, wherein the hydrocarbonyl or functional hydrocarbonyl may be the same or different and has 1 to 24 carbon atoms;

Z is Y,



and wherein L is selected from the group consisting of: hydrogen; an alkyl of 1 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an alkenyl of 2 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain; an aralkyl of 7 to 24 carbon atoms optionally substituted by one or more hydroxy, alkoxy, chloro, cyano, carboxy, carboalkoxy, amino, amido, carbamato, or epoxy groups, and which may contain one or more carbonyl groups, oxygen atoms or nitrogen atoms in the chain;

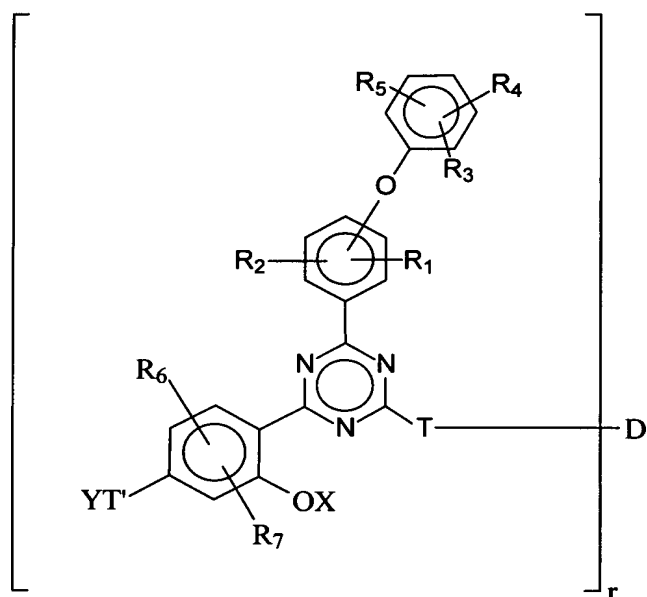
R₆ is selected from the group consisting of straight chain alkyl of 1 to 12 carbon atoms, branched chain alkyl of 1 to 12 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, alkyl substituted by cyclohexyl, alkyl interrupted by cyclohexyl, alkyl substituted by phenylene, alkyl interrupted by phenylene, benzylidene, —S—, —S—S—, —S—E—S—, —SO—, —SO₂—, —SO—E—SO—, —SO₂—E—SO₂—, —CH₂—NH—E—NH—CH₂—, and



wherein E is selected from the group consisting of alkyl of 2 to 12 carbon atoms, cycloalkyl of 5 to 12 carbon atoms, alkyl interrupted by cyclohexyl of 8 to 12 carbon atoms, alkyl terminated by cyclohexyl of 8 to 12 carbon atoms; and

r is an integer between 2 and 4

12. (currently amended): A compound of Formula IX



(Formula IX)

wherein T, T', Y, X, and R₁ to R₇ are defined as in claim 1;

wherein R₁, R₂, R₃, R₄, R₅ are the same or different and each is hydrogen, halogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, aracyl of 6 to 24 carbon atoms, OR, NRR', CONRR', OCOR, CN, SR, SO₂R, SO₃H, SO₃M, wherein M is an alkali metal, R and R' are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, and optionally with either of R₁ and R₂, R₃ and R₄, or R₄ and R₅, taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring; each of T and T' is independently a direct bond, oxygen, NR, sulfur or a functional group containing these elements;

X is independently selected from hydrogen and a blocking group selected from one or more of the following groups: allyl, —COR^a, —SO₂R^b, —SiR^cR^dR^e, —PR^fR^g, —POR^fR^g and —CONHR^h,

wherein

each R^a is independently selected from C₁—C₈ alkyl, halogen-substituted C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, C₁—C₁₂ alkoxy, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl;

each R^b is independently selected from C₁—C₁₂ alkyl, C₆—C₁₀ aryl and C₇—C₁₈ alkylaryl;

each R^c, R^d and R^e is independently selected from C₁—C₁₈ alkyl, cyclohexyl, phenyl and C₁—C₁₈ alkoxy;

each R^f and R^g is independently selected from C₁—C₁₂ alkoxy, C₁—C₁₂ alkyl, C₅—C₁₂ cycloalkyl, and phenyl or phenoxy which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₁—C₄ alkoxy, halogen and/or benzyl; and

each R^h is independently selected from C₁—C₈ alkyl, C₅—C₁₂ cycloalkyl, C₂—C₈ alkenyl, —CH₂—CO—CH₃, and phenyl which is unsubstituted or substituted by C₁—C₁₂ alkyl, C₂—C₈ alkenyl, C₁—C₄ alkoxy, halogen and/or benzyl;

each of Y, R₆ and R₇ are each independently hydrogen, hydrocarbyl group, a functional hydrocarbyl group, halogen, hydroxyl, cyano, -O(hydrocarbyl), -O(functional hydrocarbyl), -N(hydrocarbyl)₂, -N(functional hydrocarbyl)₂, -N(hydrocarbyl)(functional hydrocarbyl), -S(hydrocarbyl), -S(functional hydrocarbyl), -SO₂(hydrocarbyl), -SO₂(functional hydrocarbyl), -SO₃(hydrocarbyl), -SO₃(functional hydrocarbyl), -CO₂(hydrocarbyl), -CO₂(functional hydrocarbyl), -CO(hydrocarbyl), -CO(functional hydrocarbyl), -OCO(hydrocarbyl), -OCO(functional hydrocarbyl), -CONH₂, -CONH(hydrocarbyl), -CONH(functional hydrocarbyl), -CON(hydrocarbyl)₂, -CON(hydrocarbyl)(functional hydrocarbyl), -CON(functional hydrocarbyl)₂, wherein the hydrocarbyl or functional hydrocarbyl may be the same or different and has 1 to 24 carbon atoms;

r is an integer between 2 and 4;

when r is 2, D is selected from the group consisting of C₂—C₁₆alkylene, C₄—C₁₂alkenylene, xylylene, C₃—C₂₀alkylene which is interrupted by one or more oxygen atoms, hydroxy-substituted C₃—C₂₀alkylene which is interrupted by one or more oxygen atoms, —CH₂CH(OH)CH₂O—R¹⁵—OCH₂CH(OH)CH₂, —CO—R¹⁶—CO—, —CO—NH—R¹⁷—NH—CO—, and —(CH₂)_s—COO—R¹⁸—OCO—(CH₂)_s—; and

when r is 3, D is $-\text{[(CH}_2\text{)}_s\text{—COO—}]_3\text{—R}^{19}$
and when r is 4, D is $-\text{[(CH}_2\text{)}_s\text{—COO—}]_4\text{—R}^{20}$

wherein R^{19} is $\text{C}_3\text{—C}_{10}$ alkanetriyl and R^{20} is $\text{C}_4\text{—C}_{10}$ alkanetetryl;
s is 1-6;

R^{15} is $\text{C}_2\text{—C}_{10}$ alkylene phenylene or a phenylene-x-phenylene- group, wherein X is
 —O— , —S— , $\text{—SO}_2\text{—}$, $\text{—CH}_2\text{—}$, or $\text{—C(CH}_3\text{)}_2\text{—}$;

R^{16} is $\text{C}_2\text{—C}_{10}$ alkylene, $\text{C}_2\text{—C}_{10}$ oxaalkylene or $\text{C}_2\text{—C}_{10}$ dithiaalkylene, phenylene,
naphthylene, diphenylene or $\text{C}_2\text{—C}_6$ alkenylene;

R^{17} is $\text{C}_2\text{—C}_{10}$ alkylene, phenylene, naphthylene, methylenediphenylene or $\text{C}_7\text{—C}_{15}$
alkylphenylene, and

R^{18} is $\text{C}_2\text{—C}_{10}$ alkylene or $\text{C}_4\text{—C}_{20}$ alkylene which is interrupted by one or more
oxygen atoms.

13. (original): A method of stabilizing a material which is subject to degradation by actinic
radiation by incorporating said material with the compound of claim 1.

14. (previously amended): The method of claim 13, wherein the amount of the said
compound is from about 0.01 to about 20 % by weight based on the weight of the material to
be stabilized.

15. (previously amended): The method of claim 13, wherein the material to be stabilized is
selected from the group consisting of polyolefins, polyesters, polyethers, polyketones,
polyamides, natural and synthetic rubbers, polyurethanes, polystyrenes, high-impact
polystyrenes, polyacrylates, polymethacrylates, polyacetals, polyacrylonitriles,
polybutadienes, polystyrenes, acrylonitrile-butadiene-styrene, styrene acrylonitrileacrylate
styrene acrylonitrile, cellulosic acetate butyrate, cellulosic polymers, polyimides,
polyamideimides, polyetherimides, polyphenylsulfide, polyphenylene oxide, polysulfones,
polyethersulfones, polyvinylchlorides, polycarbonates, polyketones, aliphatic polyketones,
thermoplastic olefin, aminoresin cross-linked polyacrylates and polyesters, or polyisocyanate
cross-linked polyesters and polyacrylates, phenol/formaldehyde, urea/formaldehyde and
melamine/formaldehyde resins, drying and non-drying alkyd resins, alkyd resins, polyester
resins, acrylate resins cross-linked with melamine resins, urea resins, isocyanates,
isocyanurates, carbamates, and epoxy resins, cross-linked epoxy resins derived from
aliphatic, cycloaliphatic, heterocyclic and aromatic glycidyl compounds, which are

cross-linked with anhydrides or amines, polysiloxanes, Michael addition polymers, amines, blocked amines with activated unsaturated and methylene compounds, ketimines with activated unsaturated and methylene compounds, polyketimines in combination with unsaturated acrylic polyacetoacetate resins, polyketimines in combination with unsaturated acrylic resins, radiation curable compositions, epoxymelamine resins, organic dyes, cosmetic products, cellulose-based paper formulations, photographic film paper, ink, fibers and combinations thereof.

16. (original): The method of claim 15, wherein the material is a polyolefin, polyamide, polyurethane, polyester or a polycarbonate.

17. (original): The method of claim 13 further comprising incorporation of one or more hindered amine light stabilizers.

18. (original): The method according to claim 17, wherein said hindered amine comprises at least one member of the group consisting of: bis(2,2,6,6-tetramethylpiperidin-4-yl) sebacate; bis(2,2,6,6-tetramethylpiperidin-4-yl)succinate; bis(1,2,2,6,6-pentamethylpiperidin-4-yl)sebacate; bis(1-octyloxy-2,2,6,6-tetramethylpiperidin-4-yl)sebacate; bis(1,2,2,6,6-pentamethylpiperidin-4-yl) n-butyl 3,5-di-tert-butyl-4-hydroxybenzylmalonate; the condensate of 1-(2-hydroxyethyl)-2,2,6,6-tetramethyl-4-hydroxypiperidine and succinic acid; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-tert-octylamino-2,6-dichloro-1,3,5-triazine; tris(2,2,6,6-tetramethylpiperidin-4-yl) nitrilotriacetate; tetrakis(2,2,6,6-tetramethylpiperidin-4-yl)-1,2,3,4-butanetetracarboxylate; 1,1'-(1,2-ethanediyl)bis(3,3,5,5-tetramethylpiperazinone); 4-benzoyl-2,2,6,6-tetramethylpiperidine; 4-stearyloxy-2,2,6,6-tetramethylpiperidine; bis(1,2,2,6,6-pentamethylpiperidyl)-2-n-butyl-2-(2-hydroxy-3,5-di-tert-butylbenzyl)malonate; 3-n-octyl-7,7,9,9-tetramethyl-1,3,8-triazaspiro[4.5]decan-2,4-dione; bis(1-octyloxy-2,2,6,6-tetramethylpiperidyl)sebacate; bis(1-octyloxy-2,2,6,6-tetramethylpiperidyl)succinate; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-morpholino-2,6-dichloro-1,3,5-triazine; the condensate of 2-chloro-4,6-bis(4-n-butylamino-2,2,6,6-tetramethylpiperidyl)-1,3,5-triazine and 1,2-bis(3-aminopropylamino)ethane; the condensate of 2-chloro-4,6-bis(4-n-butylamino-1,2,2,6,6-pentamethylpiperidyl)-1,3,5-triazine and 1,2-bis-(3-aminopropylamino)ethane; 8-acetyl-3-dodecyl-7,7,9,9-tetramethyl-1,3,8-triazaspiro[4.5]decane-2,4-dione; 3-dodecyl-1-(2,2,6,6-tetramethylpiperidin-4-yl)pyrrolidin-2,5-dione; 3-dodecyl-1-(1-ethanoyl-2,2,6,6-tetramethylpiperidin-4-yl)pyrrolidin-2,5-dione; 3-

dodecyl-1-(1,2,2,6,6-pentamethylpiperidin-4-yl)pyrrolidine-2,5-dione; a mixture of 4-hexadecyloxy- and 4-stearyloxy-2,2,6,6-tetramethylpiperidine; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-cyclohexylamino-2,6-dichloro-1,3,5-triazine; the condensate of 1,2-bis(3-aminopropylamino)ethane, 2,4,6-trichloro-1,3,5-triazine and 4-butylamino-2,2,6,6-tetramethylpiperidine; 2-undecyl-7,7,9,9-tetramethyl-1-oxa-3,8-diaza-4-oxospiro[4.5]decane; oxo-piperanzinyl-triazines; and the reaction product of 7,7,9,9-tetramethyl-2-cycloundecyl-1-oxa-3,8-diaza-4-oxospiro[4.5]decane and epichlorohydrin.

19. (original): The method according to claim 13 further comprising incorporation of one or more additional UV absorbers wherein the additional UV absorber is a benzotriazole derivative, a triazine derivative, a benzophenone derivative, or a combination thereof.

20. (original): A method of stabilizing a material which is subject to degradation by actinic radiation by incorporating said material with the compound of claims 9, 10, 11 or 12.

21. (original): A composition comprising

(a) the compound of claim 1; and

(b) at least one other additive selected from group consisting of: UV stabilizers and antioxidants.

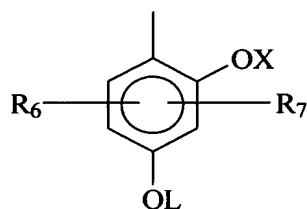
22. (original): The composition of claim 21 wherein said at least one other additive is selected from the group consisting of 2-(2'-hydroxyphenyl)benzotriazoles, oxamides, 2-(2-hydroxyphenyl)-1,3,5-triazines, 2-hydroxybenzophenones, sterically hindered amines and hindered phenol antioxidants.

23. (currently amended): The composition of claim 22 wherein said at least other additive is selected from the group consisting of: 2-(2'-hydroxy-5'-methylphenyl)-benzotriazole; 2-(3',5'-di-tert-butyl-2'-hydroxyphenyl)benzotriazole; 2-(5'-tert-butyl-2'-hydroxyphenyl)benzotriazole; 2-(2'-hydroxy-5'-(1,1,3,3-tetramethylbutyl)phenyl)benzotriazole; 2-(3',5'-di-tert-butyl-2'-hydroxyphenyl)-5-chlorobenzotriazole; 2-(3'-tert-butyl-2'-hydroxy-5'-methylphenyl)-5-chloro-benzotriazole; 2-(3'-sec-butyl-5'-tert-butyl-2'-hydroxyphenyl)-benzotriazole; 2-(2'-hydroxy-4'-octoxyphenyl)benzotriazole; 2-(3',5'-di-tert-amyl-2'-hydroxyphenyl)benzotriazole; 2-(3',5'-bis(α,α -dimethylbenzyl)-2'-hydroxyphenyl)-benzotriazole; a mixture of 2-(3'-tert-butyl-2'-

hydroxy-5'-(2-octyloxycarbonylethyl)phenyl)-5-chloro-benzotriazole, 2-(3'-tert-butyl-5'-[2-(2-ethylhexyloxy)-carbonylethyl]-2'-hydroxyphenyl)-5-chloro-benzotriazole, 2-(3'-tert-butyl-2'-hydroxy-5'-(2-methoxycarbonylethyl)phenyl)-5-chloro-benzotriazole, 2-(3'-tert-butyl-2'-hydroxy-5'-(2-methoxycarbonylethyl)phenyl)benzotriazole, 2-(3'-tert-butyl-2'-hydroxy-5'-(2-octyloxycarbonylethyl)phenyl)benzotriazole, 2-(3'-tert-butyl-5'-[2-(2-ethylhexyloxy)carbonylethyl]-2'-hydroxyphenyl)benzotriazole, 2-(3'-dodecyl-2'-hydroxy-5'-methylphenyl)benzotriazole and 2-(3'-tert-butyl-2'-hydroxy-5'-(2-isooctyloxycarbonylethyl)phenyl)benzotriazole; 2,2-methylenebis[4-(1,1,3,3-tetramethylbutyl)-6-benzotriazol-2-ylphenol], the transesterification product of 2-[3'-tert-butyl-5'-(2-methoxycarbonylethyl)-2'-hydroxyphenyl]benzotriazole with polyethylene glycol 300; $\{R-CH_2CH_2COO(CH_2)_3\}_2-B$ where $R = 3'$ -tert-butyl-4'-hydroxy-5'-2H-benzotriazol-2-ylphenyl; bis(2,2,6,6-tetramethylpiperidin-4-yl) sebacate; bis(2,2,6,6-tetramethylpiperidin-4-yl)succinate; bis(1,2,2,6,6-pentamethylpiperidin-4-yl)sebacate; bis(1-octyloxy-2,2,6,6-tetramethylpiperidin-4-yl)sebacate; bis(1,2,2,6,6-pentamethylpiperidin-4-yl) n-butyl 3,5-di-tert-butyl-4-hydroxybenzylmalonate; the condensate of 1-(2-hydroxyethyl)-2,2,6,6-tetramethyl-4-hydroxypiperidine and succinic acid; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-tert-octylamino-2,6-dichloro-1,3,5-triazine; tris(2,2,6,6-tetramethylpiperidin-4-yl) nitrilotriacetate; tetrakis(2,2,6,6-tetramethylpiperidin-4-yl)-1,2,3,4-butanetetracarboxylate; 1,1'-(1,2-ethanediyl)bis(3,3,5,5-tetramethylpiperazinone); 4-benzoyl-2,2,6,6-tetramethylpiperidine; 4-stearyloxy-2,2,6,6-tetramethylpiperidine; bis(1,2,2,6,6-pentamethylpiperidyl)-2-n-butyl-2-(2-hydroxy-3,5-di-tert-butylbenzyl)malonate; 3-n-octyl-7,7,9,9-tetramethyl-1,3,8-triazaspiro[4.5]decan-2,4-dione; bis(1-octyloxy-2,2,6,6-tetramethylpiperidyl)sebacate; bis(1-octyloxy-2,2,6,6-tetramethylpiperidyl)succinate; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-morpholino-2,6-dichloro-1,3,5-triazine; the condensate of 2-chloro-4,6-bis(4-n-butylamino-2,2,6,6-tetramethylpiperidyl)-1,3,5-triazine and 1,2-bis(3-aminopropylamino)ethane; the condensate of 2-chloro-4,6-bis(4-n-butylamino-1,2,2,6,6-pentamethylpiperidyl)-1,3,5-triazine and 1,2-bis(3-aminopropylamino)ethane; 8-acetyl-3-dodecyl-7,7,9,9-tetramethyl-1,3,8-triazaspiro[4.5]decane-2,4-dione; 3-dodecyl-1-(2,2,6,6-tetramethylpiperidin-4-yl)pyrrolidin-2,5-dione; 3-dodecyl-1-(1-ethanoyl-2,2,6,6-tetramethylpiperidin-4-yl)pyrrolidin-2,5-dione; 3-dodecyl-1-(1,2,2,6,6-pentamethylpiperidin-4-yl)pyrrolidine-2,5-dione; a mixture of 4-hexadecyloxy- and 4-stearyloxy-2,2,6,6-tetramethylpiperidine; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-cyclohexylamino-2,6-dichloro-1,3,5-triazine; the condensate of 1,2-bis(3-aminopropylamino)ethane, 2,4,6-trichloro-1,3,5-triazine and 4-butylamino-2,2,6,6-tetramethylpiperidine; 2-undecyl-7,7,9,9-tetramethyl-1-oxa-3,8-diaza-4-

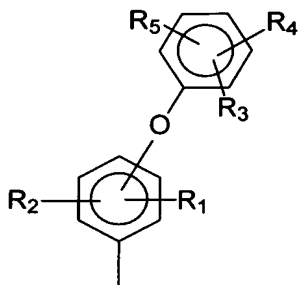
oxospiro[4.5]decane; oxo-piperanzinyl-triazines and the reaction product of 7,7,9,9-tetramethyl-2-cycloundecyl-1-oxa-3,8-diaza-4-oxospiro[4.5]decane and epichlorohydrin; 2,4,6-tris(2-hydroxy-4-octyloxyphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-n-octyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-(mixed iso-octyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2,4-dihydroxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2,4-bis(2-hydroxy-4-propyloxyphenyl)-6-(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-octyloxyphenyl)-4,6-bis(4-methylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-dodecyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-tridecyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[2-hydroxy-4-(2-hydroxy-3-butyloxypropyloxy)phenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[2-hydroxy-4-(2-hydroxy-3-octyloxypropyloxy)-phenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[4-dodecyloxy/tridecyloxy-2-hydroxypropoxy)-2-hydroxyphenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[2-hydroxy-4-(2-hydroxy-3-dodecyloxypropoxy)phenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-hexyloxy)phenyl-4,6-diphenyl-1,3,5-triazine; 2-(2-hydroxy-4-methoxyphenyl)-4,6-diphenyl-1,3,5-triazine; 2,4,6-tris[2-hydroxy-4-(3-butoxy-2-hydroxypropoxy)phenyl]-1,3,5-triazine; 2-(2-hydroxyphenyl)-4-(4-methoxyphenyl)-6-phenyl-1,3,5-triazine, 2,4-dihydroxybenzophenone; 2-hydroxy-4-methoxybenzophenone; 2-hydroxy-4-octyloxybenzophenone; 2-hydroxy-4-decyloxybenzophenone; 2-hydroxy-4-dodecyloxybenzophenone; 2-hydroxy-4-benzyloxybenzophenone, 4,2',4'-trishydroxybenzophenone; 2'-hydroxy-4,4'-dimethoxybenzophenone; 1,3,5-tris(2,6-dimethyl-4-tert-butyl-3hydroxybenzyl)isocyanurate; 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)isocyanurate; 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-2,4,6-trimethylbenzene; 2,6-di-tert-butyl-4-methylphenol; 2,2'-ethylidene-bis(4,6-di-tert-butylphenol); 1,1,3-tris(5-tert-butyl-4-hydroxy-2-methylphenyl)butane; esters of β -(3,5-di-tert-butyl-4-hydroxyphenyl)propionic acid with mono- or polyhydric alcohols; esters of β -(5-tert-butyl-4-hydroxy-3-methylphenyl)propionic acid with mono- or polyhydric alcohols; dimethyl-2,5-di-tert-butyl-4-hydroxybenzylphosphonate; diethyl-3,5-di-tert-butyl-4-hydroxybenzylphosphonate; dioctadecyl-3,5-di-tert-butyl-4-hydroxybenzylphosphonate; dioctadecyl-5-tert-butyl-4-hydroxy-3-methylbenzylphosphonate; and the calcium salt of the monoethyl ester of 3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid; amides of β -(3,5-di-tert-butyl-4-hydroxyphenyl)propionic acid such as N,N'-bis(3,5-di-tert-butyl-4-hydroxyphenylpropionyl)hexamethylenediamine; N,N'-bis(3,5-di-tert-butyl-4-hydroxyphenylpropionyl)trimethylenediamine; and N,N'-bis(3,5-di-tert-butyl-4-hydroxyphenylpropionyl)hydrazine.

24. (previously amended): The composition of claim 23 wherein TZ is



and T' is oxygen, and R₁ to R₇ and X are hydrogen.

25. (previously amended): The composition of claim 23 wherein TZ is:



and T' is oxygen, and R₁ to R₇ and X are hydrogen.

26. (previously amended): The composition of claim 21 further comprising a material to be stabilized selected from the group consisting of: polyolefins, polyesters, polyethers, polyketones, polyamides, natural and synthetic rubbers, polyurethanes, polystyrenes, high-impact polystyrenes, polyacrylates, polymethacrylates, polyacetals, polyacrylonitriles, polybutadienes, polystyrenes, acrylonitrile-butadiene-styrene, styrene acrylonitrile, acrylate styrene acrylonitrile, cellulosic acetate butyrate, cellulosic polymers, polyimides, polyamideimides, polyetherimides, polyphenylsulfides, polyphenylene oxide, polysulfones, polyethersulfones, polyvinylchlorides, polycarbonates, polyketones, aliphatic polyketones, thermoplastic olefin, aminoresin cross-linked polyacrylates and polyesters, polyisocyanate cross-linked polyesters and polyacrylates, phenol/formaldehyde, urea/formaldehyde and melamine/formaldehyde resins, drying and non-drying alkyd resins, alkyd resins, polyester resins, acrylate resins cross-linked with melamine resins, urea resins, isocyanates, isocyanurates, carbamates, epoxy resins, cross-linked epoxy resins derived from aliphatic, cycloaliphatic, heterocyclic and aromatic glycidyl compounds, which are cross-linked with anhydrides or amines, polysiloxanes, Michael addition polymers, amines, blocked amines with activated unsaturated and methylene compounds, ketimines with activated unsaturated and methylene compounds, polyketimines in combination with unsaturated acrylic polyacetoacetate resins, polyketimines in combination with unsaturated acrylic resins,

radiation curable compositions, epoxymelamine resins, organic dyes, cosmetic products, cellulose-based paper formulations, photographic film paper, ink, and mixtures thereof.

27. (previously amended): The composition of claim 21 wherein the amount of said compound to said at least one other additive is from about 500:1 to about 1:500 by weight.

28. (currently amended): A composition comprising

(a) the compound of claims 9, 10, 11 or 12; and

(b) at least one other additive selected from group consisting of: 2-(2'-hydroxy-5'-methylphenyl)-benzotriazole; 2-(3',5'-di-tert-butyl-2'-hydroxyphenyl)benzotriazole; 2-(5'-tert-butyl-2'-hydroxyphenyl)benzotriazole; 2-(2'-hydroxy-5'-(1,1,3,3-tetramethylbutyl)phenyl)benzotriazole; 2-(3',5'-di-tert-butyl-2'-hydroxyphenyl)-5-chlorobenzotriazole; 2-(3'-tert-butyl-2'-hydroxy-5'-methylphenyl)-5-chloro-benzotriazole; 2-(3'-sec-butyl-5'-tert-butyl-2'-hydroxyphenyl)-benzotriazole; 2-(2'-hydroxy-4'-octoxyphenyl)benzotriazole; 2-(3',5'-di-tert-amyl-2'-hydroxyphenyl)benzotriazole; 2-(3',5'-bis(α,α -dimethylbenzyl)-2'-hydroxyphenyl)-benzotriazole; a mixture of 2-(3'-tert-butyl-2'-hydroxy-5'-(2-octyloxycarbonylethyl)phenyl)-5-chloro-benzotriazole, 2-(3'-tert-butyl-5'-[2-(2-ethylhexyloxy)-carbonylethyl]-2'-hydroxyphenyl)-5-chloro-benzotriazole, 2-(3'-tert-butyl-2'-hydroxy-5'-(2-methoxycarbonylethyl)phenyl)-5-chloro-benzotriazole, 2-(3'-tert-butyl-2'-hydroxy-5'-(2-methoxycarbonylethyl)phenyl)benzotriazole, 2-(3'-tert-butyl-2'-hydroxy-5'-(2-octyloxycarbonylethyl)phenyl)benzotriazole, 2-(3'-tert-butyl-5'-[2-(2-ethylhexyloxy)carbonylethyl]-2'-hydroxyphenyl)benzotriazole, 2-(3'-dodecyl-2'-hydroxy-5'-methylphenyl)benzotriazole and 2-(3'-tert-butyl-2'-hydroxy-5'-(2-isooctyloxycarbonylethyl)phenyl)benzotriazole; 2,2-methylenebis[4-(1,1,3,3-tetramethylbutyl)-6-benzotriazol-2-yl]phenol], the transesterification product of 2-[3'-tert-butyl-5'-(2-methoxycarbonylethyl)-2'-hydroxyphenyl]benzotriazole with polyethylene glycol 300; $\{R-CH_2CH_2COO(CH_2)_3\}_2B$ where $R = 3'$ -tert-butyl-4'-hydroxy-5'-2H-benzotriazol-2-ylphenyl; bis(2,2,6,6-tetramethylpiperidin-4-yl) sebacate; bis(2,2,6,6-tetramethylpiperidin-4-yl)succinate; bis(1,2,2,6,6-pentamethylpiperidin-4-yl)sebacate; bis(1-octyloxy-2,2,6,6-tetramethylpiperidin-4-yl)sebacate; bis(1,2,2,6,6-pentamethylpiperidin-4-yl) n-butyl 3,5-di-tert-butyl-4-hydroxybenzylmalonate; the condensate of 1-(2-hydroxyethyl)-2,2,6,6-tetramethyl-4-hydroxypiperidine and succinic acid; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-tert-octylamino-2,6-dichloro-1,3,5-triazine; tris(2,2,6,6-tetramethylpiperidin-4-yl) nitrilotriacetate; tetrakis(2,2,6,6-tetramethylpiperidin-4-yl)-1,2,3,4-butanetetracarboxylate; 1,1'-(1,2-ethanediyl)bis(3,3,5,5-tetramethylpiperazinone); 4-benzoyl-2,2,6,6-tetramethylpiperidine; 4-stearyloxy-2,2,6,6-

tetramethylpiperidine; bis(1,2,2,6,6-pentamethylpiperidyl)-2-n-butyl-2-(2-hydroxy-3,5-di-tert-butylbenzyl)malonate; 3-n-octyl-7,7,9,9-tetramethyl-1,3,8-triazaspiro[4.5]decan-2,4-dione; bis(1-octyloxy-2,2,6,6-tetramethylpiperidyl)sebacate; bis(1-octyloxy-2,2,6,6-tetramethylpiperidyl)succinate; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-morpholino-2,6-dichloro-1,3,5-triazine; the condensate of 2-chloro-4,6-bis(4-n-butylamino-2,2,6,6-tetramethylpiperidyl)-1,3,5-triazine and 1,2-bis(3-aminopropylamino)ethane; the condensate of 2-chloro-4,6-bis(4-n-butylamino-1,2,2,6,6-pentamethylpiperidyl)-1,3,5-triazine and 1,2-bis-(3-aminopropylamino)ethane; 8-acetyl-3-dodecyl-7,7,9,9-tetramethyl-1,3,8-triazaspiro[4.5]decane-2,4-dione; 3-dodecyl-1-(2,2,6,6-tetramethylpiperidin-4-yl)pyrrolidin-2,5-dione; 3-dodecyl-1-(1-ethanoyl-2,2,6,6-tetramethylpiperidin-4-yl)pyrrolidin-2,5-dione; 3-dodecyl-1-(1,2,2,6,6-pentamethylpiperidin-4-yl)pyrrolidine-2,5-dione; a mixture of 4-hexadecyloxy- and 4-stearyloxy-2,2,6,6-tetramethylpiperidine; the condensate of N,N'-bis(2,2,6,6-tetramethylpiperidin-4-yl)hexamethylenediamine and 4-cyclohexylamino-2,6-dichloro-1,3,5-triazine; the condensate of 1,2-bis(3-aminopropylamino)ethane, 2,4,6-trichloro-1,3,5-triazine and 4-butylamino-2,2,6,6-tetramethylpiperidine; 2-undecyl-7,7,9,9-tetramethyl-1-oxa-3,8-diaza-4-oxospiro[4.5]decane; oxo-piperanzinyl-triazines and the reaction product of 7,7,9,9-tetramethyl-2-cycloundecyl-1-oxa-3,8-diaza-4-oxospiro[4.5]decane and epichlorohydrin; 2,4,6-tris(2-hydroxy-4-octyloxyphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-n-octyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-(mixed iso-octyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2,4-dihydroxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2,4-bis(2-hydroxy-4-propyloxyphenyl)-6-(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-octyloxyphenyl)-4,6-bis(4-methylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-dodecyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-tridecyloxyphenyl)-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[2-hydroxy-4-(2-hydroxy-3-butyloxypropyloxy)phenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[2-hydroxy-4-(2-hydroxy-3-octyloxypropyloxy)-phenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[4-dodecyloxy/tridecyloxy-2-hydroxypropoxy)-2-hydroxyphenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-[2-hydroxy-4-(2-hydroxy-3-dodecyloxypropoxy)phenyl]-4,6-bis(2,4-dimethylphenyl)-1,3,5-triazine; 2-(2-hydroxy-4-hexyloxy)phenyl-4,6-diphenyl-1,3,5-triazine; 2-(2-hydroxy-4-methoxyphenyl)-4,6-diphenyl-1,3,5-triazine; 2,4,6-tris[2-hydroxy-4-(3-butoxy-2-hydroxypropoxy)phenyl]-1,3,5-triazine; 2-(2-hydroxyphenyl)-4-(4-methoxyphenyl)-6-phenyl-1,3,5-triazine, 2,4-dihydroxybenzophenone; 2-hydroxy-4-methoxybenzophenone; 2-hydroxy-4-octyloxybenzophenone; 2-hydroxy-4-decyloxybenzophenone; 2-hydroxy-4-dodecyloxybenzophenone; 2-hydroxy-4-benzyloxybenzophenone, 4,2',4'-trishydroxybenzophenone; 2'-hydroxy-4,4'-dimethoxybenzophenone;

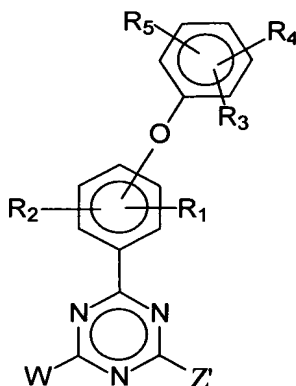
1,3,5-tris(2,6-dimethyl-4-tert-butyl-3hydroxybenzyl)isocyanurate; 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)isocyanurate; 1,3,5- tris(3,5- di-tert-butyl-4-hydroxybenzyl) -2,4,6-trimethylbenzene; 2,6-di-tert-butyl-4-methylphenol; 2,2'-ethylidene-bis(4,6-di-tert-butylphenol); 1,1,3-tris(5-tert-butyl-4-hydroxy-2-methylphenyl)butane; esters of β -(3,5-di-tert-butyl-4-hydroxyphenyl)propionic acid with mono- or polyhydric alcohols; esters of β -(5-tert-butyl-4-hydroxy-3-methylphenyl)propionic acid with mono- or polyhydric alcohols; dimethyl-2,5-di-tert-butyl-4-hydroxybenzylphosphonate; diethyl-3,5-di-tert-butyl-4-hydroxybenzylphosphonate; dioctadecyl-3,5-di-tert-butyl-4-hydroxybenzylphosphonate; dioctadecyl-5-tert-butyl-4-hydroxy-3-methylbenzylphosphonate; and the calcium salt of the monoethyl ester of 3,5-di-tert-butyl-4-hydroxybenzylphosphonic acid; amides of β -(3,5-di-tert-butyl-4-hydroxyphenyl)propionic acid such as N,N'-bis(3,5-di-tert-butyl-4-hydroxyphenylpropionyl)hexamethylenediamine; N,N'-bis(3,5-di-tert-butyl-4-hydroxyphenylpropionyl)trimethylenediamine; and N,N'-bis(3,5-di-tert-butyl-4-hydroxyphenylpropionyl)hydrazine.

29. (previously amended): The composition of claim 28 wherein the amount of said compound to said at least one other additive is from about 500:1 to about 1:500 by weight.

30. (previously amended): The composition of claim 28 further comprising a material to be stabilized selected from the group consisting of polyolefins, polyesters, polyethers, polyketones, polyamides, natural and synthetic rubbers, polyurethanes, polystyrenes, high-impact polystyrenes, polyacrylates, polymethacrylates, polyacetals, polyacrylonitriles, polybutadienes, polystyrenes, acrylonitrile-butadiene-styrene, styrene acrylonitrile, acrylate styrene acrylonitrile, cellulosic acetate butyrate, cellulosic polymers, polyimides, polyamideimides, polyetherimides, polyphenylsulfide, polyphenylene oxide, polysulfones, polyethersulfones, polyvinylchlorides, polycarbonates, polyketones, aliphatic polyketones, thermoplastic olefin, aminoresin cross-linked polyacrylates and polyesters, or polyisocyanate cross-linked polyesters and polyacrylates, phenol/formaldehyde, urea/formaldehyde and melamine/formaldehyde resins, drying and non-drying alkyd resins, alkyd resins, polyester resins, acrylate resins cross-linked with melamine resins, urea resins, isocyanates, isocyanurates, carbamates, and epoxy resins, cross-linked epoxy resins derived from aliphatic, cycloaliphatic, heterocyclic and aromatic glycidyl compounds, which are cross-linked with anhydrides or amines, polysiloxanes, Michael addition polymers, amines, blocked amines with activated unsaturated and methylene compounds, ketimines with activated unsaturated and methylene compounds, polyketimines in combination with

unsaturated acrylic polyacetoacetate resins, polyketimines in combination with unsaturated acrylic resins, radiation curable compositions, epoxymelamine resins, organic dyes, cosmetic products, cellulose-based paper formulations, photographic film paper, ink, fibers and combinations thereof.

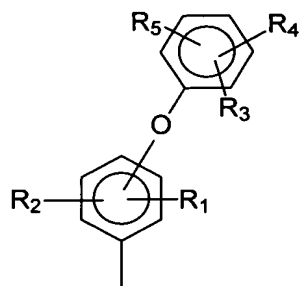
31. (previously amended): A compound having the Formula



wherein R_1 , R_2 , R_3 , R_4 , R_5 are the same or different and each is hydrogen, halogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, aracyl of 6 to 24 carbon atoms, OR, NRR' , $CONRR'$, $OCOR$, CN, SR, SO_2R , SO_3H , SO_3M , wherein M is an alkali metal, R and R' are the same or different and each is hydrogen, alkyl of 1 to 24 carbon atoms, haloalkyl of 1 to 24 carbon atoms, aryl of 6 to 24 carbon atoms, alkenyl of 2 to 24 carbon atoms, acyl of 1 to 24 carbon atoms, cycloalkyl of 1 to 24 carbon atoms, cycloacyl of 5 to 24 carbon atoms, aralkyl of 7 to 24 carbon atoms, or aracyl of 6 to 24 carbons atoms, and optionally with either of R_1 and R_2 , R_3 and R_4 , or R_4 and R_5 , taken together being a part of a saturated or unsaturated fused carbocyclic ring optionally containing O, N, or S atoms in the ring;

Z' is a halogen,

and W is



32-34. (cancelled)